

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1155	713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 11:39
S2	161	signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 11:40
S3	154	(watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 11:40
S4	149	(processing OR memory) AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 11:43
S5	115	(reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 11:44
S6	116	(alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 11:45
S7	111	(store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 13:37

## EAST Search History

S8	105	(audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 13:48
S9	28	video frame AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 13:57
S10	47	(video frame Or image frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/19 14:08
S11	47	(video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 09:55

## EAST Search History

S13	11	(horizontal) AND (video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 08:36
S14	11	image AND (horizontal) AND (video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 08:39
S15	48	(video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened OR improve OR improved OR improving) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 13:45

## EAST Search History

S16	6	fragile AND (video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened OR improve OR improved OR improving) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND portion AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 09:27
S17	58	(video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND (portion OR block) AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 09:57
S18	55	(video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND (watermark OR fingerprint OR signature) AND signal AND frame AND (block) AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 09:58

## EAST Search History

S19	36	(video frame OR image frame OR sub\$2frame) AND (audio OR video) AND (store OR storing OR stored OR storage) AND (calculated OR calculated OR calculating OR determine OR determined OR determining) AND (alleviate OR alleviated OR reduce OR reduced OR reduction OR reducing OR less OR lessen OR lessening OR lessened) AND memory AND watermark AND (fingerprint OR signature) AND signal AND frame AND (block) AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 09:59
S20	5	(non-interlaced OR noninterlaced) AND interlaced AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 10:31
S21	14	(horizontal OR row) AND (vertical OR column) AND (non-interlaced OR noninterlaced) AND interlaced AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 10:34
S22	1956	(horizontal OR row) AND (vertical OR column) AND (non-interlaced OR noninterlaced) AND interlaced AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 10:34
S23	1	(horizontal OR row) AND (vertical OR column) AND (non-interlaced OR noninterlaced) AND interlaced AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 11:07
S24	1	reduced (memory OR process) AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 11:08
S25	63	(store OR storing OR stored OR storage) AND reduced (memory OR process) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 11:11
S26	21	block AND frame AND (store OR storing OR stored OR storage) AND reduced (memory OR process) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 11:15

## EAST Search History

S27	8	block AND frame AND (store OR storing OR stored OR storage) SAME reduced (memory OR process) AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 12:33
S28	55	reduced memory AND ("713".clas. OR "726".clas. OR "380".clas.) AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 12:40
S29	57	block WITH signature WITH (generate OR generated OR generating) AND 713/176. ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 13:46
S30	20	watermark AND block WITH signature WITH (generate OR generated OR generating OR generation OR calculate OR calculated OR calculating OR calculation OR create OR created OR creating Or creation) AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/20 13:49
S31	2	"6037984".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/11 16:52
S32	10	"5907619".pn. OR "6009176".pn. OR "5790110".pn. OR "5373323".pn. OR "6037984".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/12 09:18
S33	18	signal AND slice AND frame AND 713/176. ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 14:38
S34	2	"7162093".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 14:43
S35	2	"6131161".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 14:45

## EAST Search History

S36	14	(split\$4   divid\$3) AND signal AND slice AND frame AND 713/176.ccls. AND (@pd<"20020624" or @ad<"20020624" or @prad<"20020624" or @rlad<"20020624")	USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 14:48
S37	568532	roberts.in.   klijn.in.   schirris.in.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:09
S38	568507	roberts.in.   klijn.in.   schirris.in. AND watermark AND (audio\$7   video   visual)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:22
S39	568507	roberts.in.   klijn.in.   schirris.in. AND watermark AND (audio\$7   video   visual) AND frame AND slice	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:23
S40	568507	roberts.in.   klijn.in.   schirris.in. AND watermark AND (audio\$7   video   visual) AND frame AND slice AND ("713".clas.   "726".clas.   "380".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:23
S41	568507	roberts.in.   klijn.in.   schirris.in. AND watermark AND (audio\$7   video   visual) AND frame AND slice AND (713/176.ccls.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:26
S42	0	(roberts.in.   klijn.in.   schirris.in.) AND watermark AND (audio\$7   video   visual) AND frame AND slice AND (713/176.ccls.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:26
S43	8	(roberts.in.   klijn.in.   schirris.in.) AND watermark AND (audio\$7   video   visual) AND frame AND slice AND ("713".clas.   "726".clas.   "380".clas.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:27
S44	608	(roberts.in.   klijn.in.   schirris.in.) AND watermark AND (audio\$7   video   visual)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:27

## EAST Search History

S45	0	(roberts.in.   klijn.in.   schirris.in.) AND watermark AND (audio\$7   video   visual) AND frame AND slice AND (713/176.ccls.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:27
S46	0	(roberts.in.   klijn.in.   schirris.in.) AND watermark AND (audio\$7   video   visual) AND frame AND slice AND (713/176.ccls.)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/15 15:27